

FEATURES

142 Using Moon Phases to Measure Time

*Janet Sharp, Tracie Lutz, and
Donna E. LaLonde*

A lesson on time incorporates science, mathematics, and literacy while exploring Hopi Native American culture.

152 Visual Reasoning Tools in Action

Tad Watanabe

Double number lines, area models, and other diagrams power up students' ability to solve and make sense of various problems.

162 Social Justice and Proportional Reasoning

Ksenija Simic-Muller

Textbook tasks can easily be transformed into authentic real-world problems that shed light on issues of equity and fairness, such as population growth and crime rates.

169 Racing toward Algebra and Slope

James R. Town and Alison M. Espinosa

A battery-powered vehicle is the engine that drives students' understanding of the meaning of slope.

SOMCHAI SOM/THINKSTOCK



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